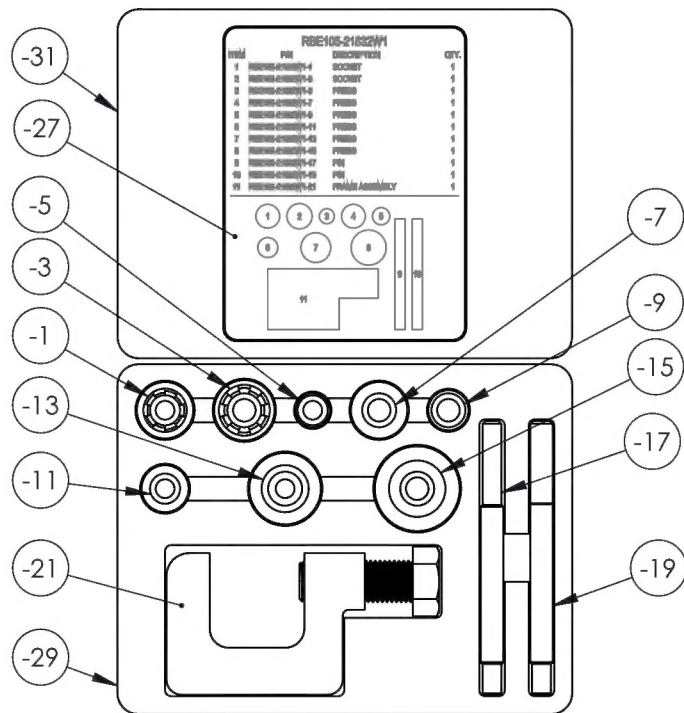


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	12/7/2016	RJC	JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SOCKET	4140/4142		2
			-3	1	SOCKET	4140/4142		3
			-5	1	PRESS	4140/4142		4
			-7	1	PRESS	4140/4142		5
			-9	1	PRESS	4140/4142		6
			-11	1	PRESS	4140/4142		7
			-13	1	PRESS	4140/4142		8
			-15	1	PRESS	4140/4142		9
			-17	1	PIN	4140/4142		10
			-19	1	PIN	4140/4142		11
	X		-21	1	FRAME ASSEMBLY			12
			-23	1	FRAME	4140/4142		13
			-25	1	BOLT	STEEL GRADE 8.8	M22 X 2.5 X 60mm (MCMaster-CARR #91280A824) MODIFIED	14
			-27	1	LOCATION PLACARD	PLASTIC		15
		B/O	-29	1	BOTTOM FOAM	Y20 BLACK	2.93 X 7.23 X 9.41 (I.R. SPECIALTY)	16
		B/O	-31	1	TOP FOAM	ETHAFOAM 220, BLACK	1.16 X 7.27 X 9.46 (CASE SOLUTIONS)	17
		B/O	-33	1	CASE	PLASTIC	PELICAN #APP-1200-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
	ASSY -21							

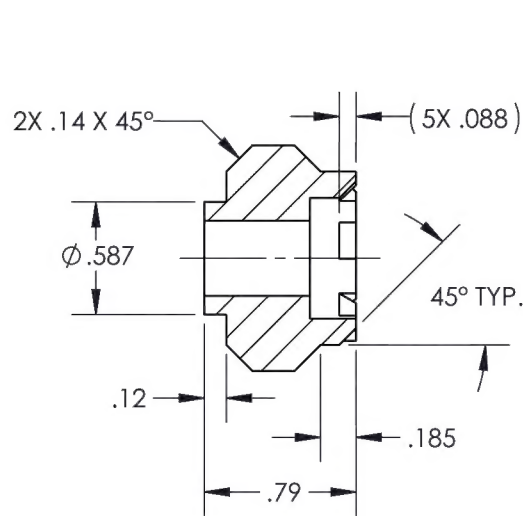
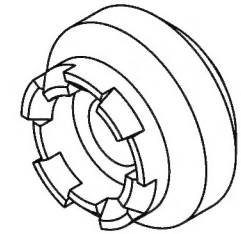
NOTE:
REF. AIRBUS T/N 105-21832W1.



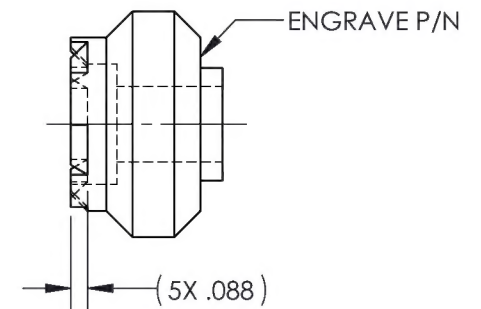
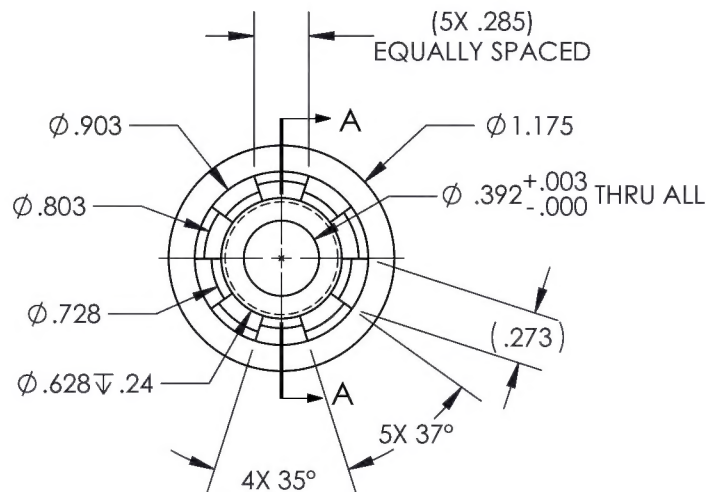
TITLE	
PRESSING-IN TOOL	
DWG NO.	REV
RBE105-21832W1	1
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:4
DATE	8/5/2016
SHEET 1 OF 17	

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				APPROVED



SECTION A-A



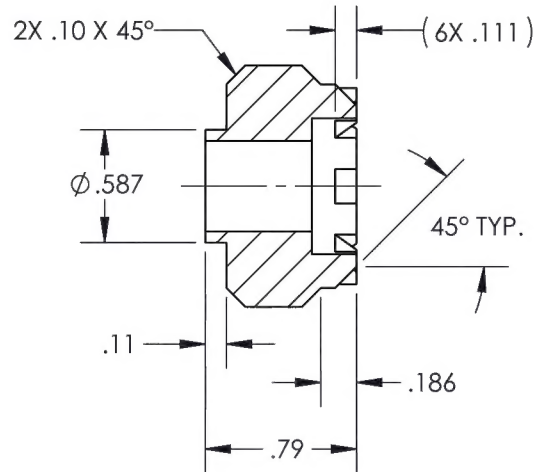
(1)

SOCKET

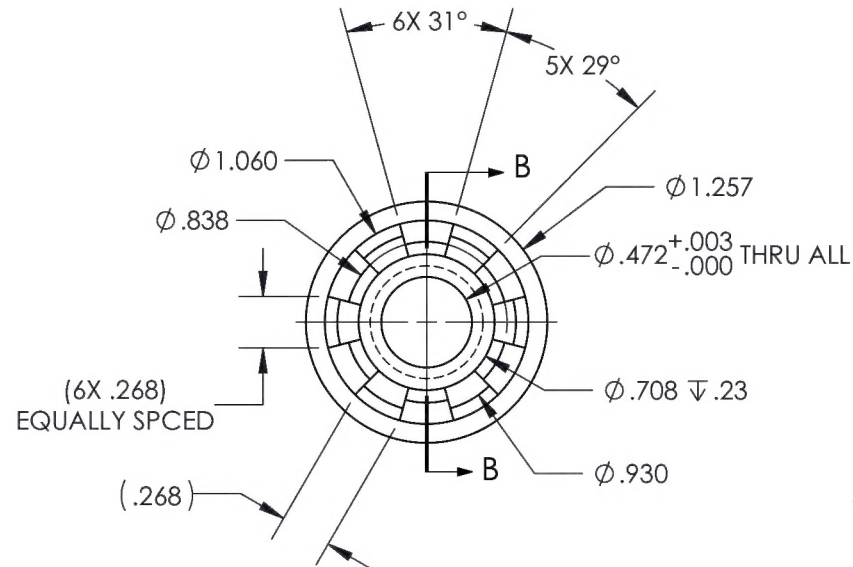
DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-1	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 8/3/2016
	SHEET 2 OF 17

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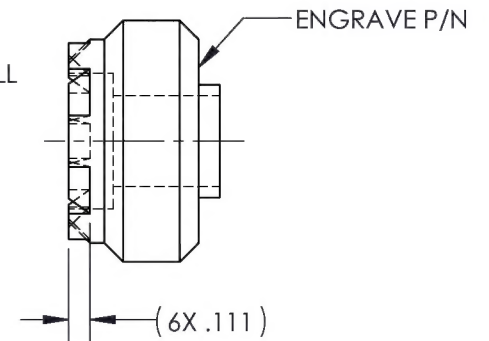
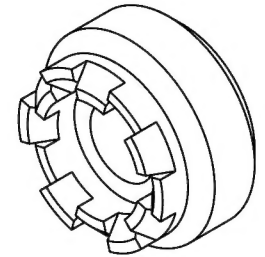
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION B-B



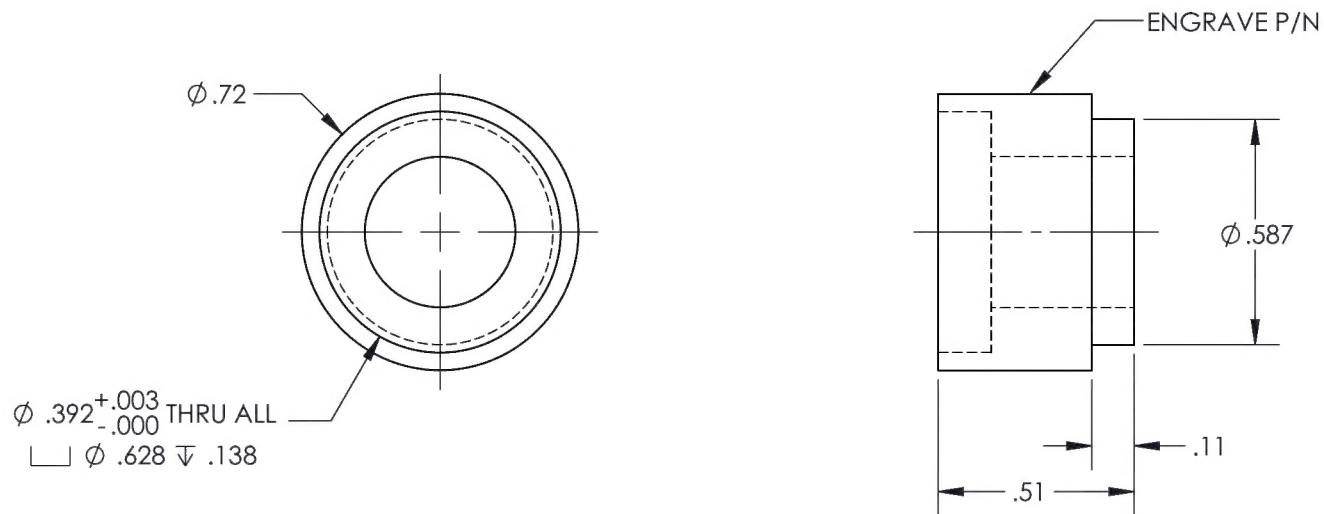
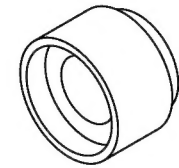
(-3)
SOCKET



DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-3	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/3/2016	USED ON MODEL
	EC145
	SHEET 3 OF 17

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				APPROVED

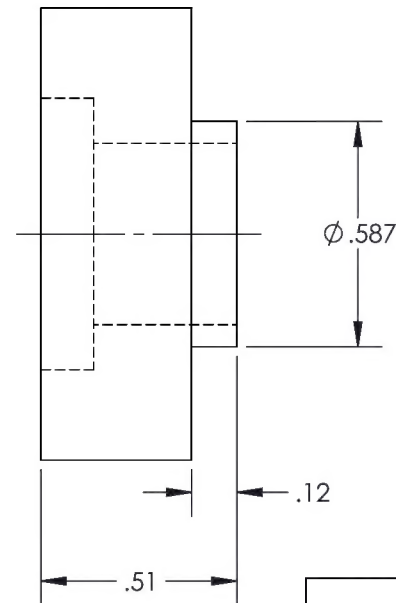
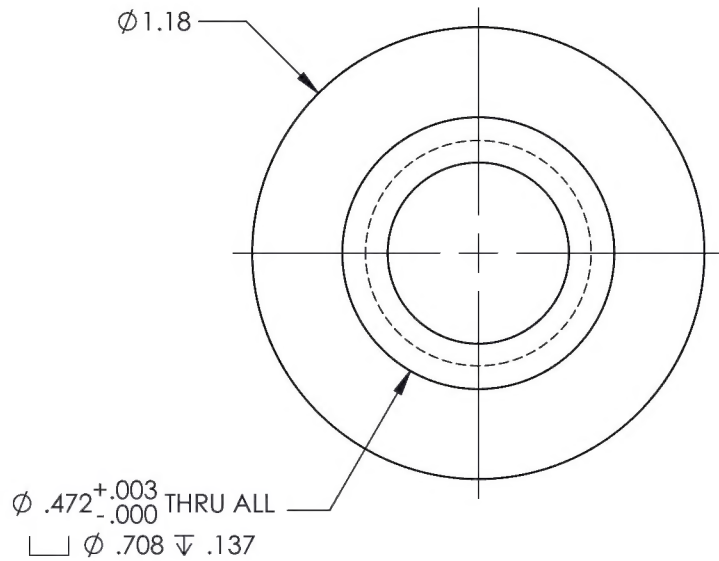
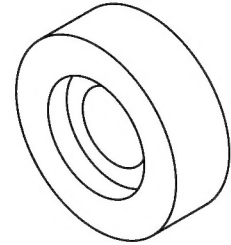


(-5)
PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-5	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125/✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/3/2016	USED ON MODEL
SHEET 4 OF 17	EC145

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				APPROVED

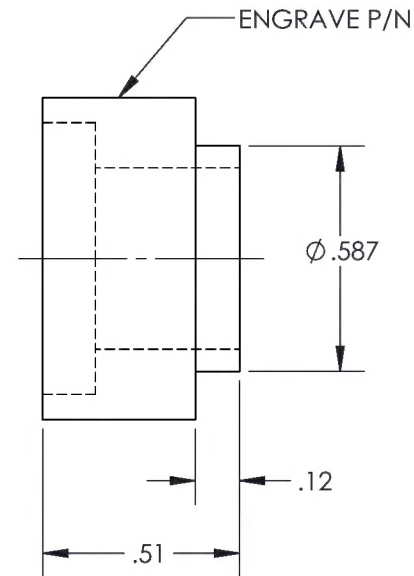
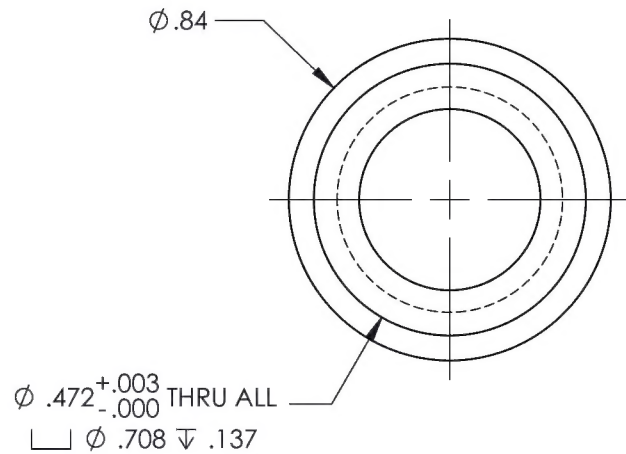
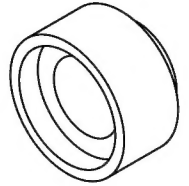


(-7)
PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-7	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC50-55	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE	.XX ± .01 ANGLES ± 5°
SPEC ASTM B633 TYPE I SC 2	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 2:1	DATE 8/3/2016
	SHEET 5 OF 17

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				APPROVED

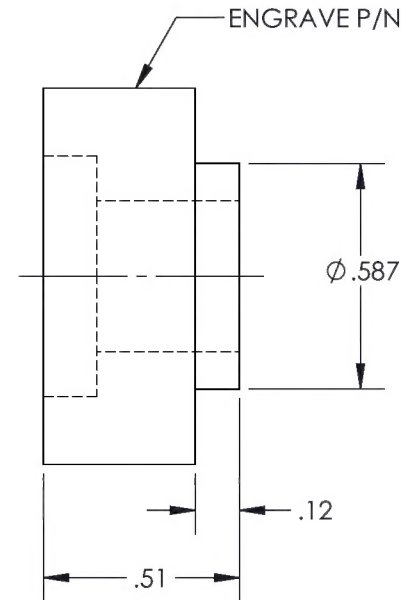
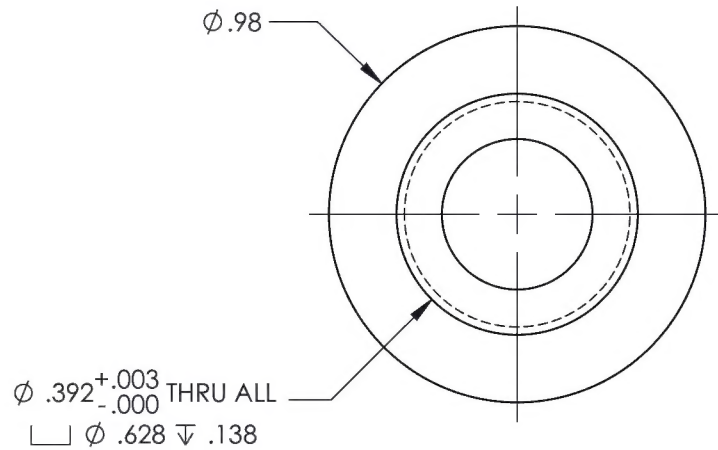
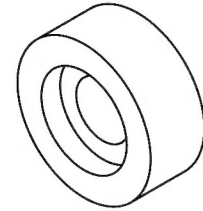


⑨
PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-9	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 2:1	DATE 8/5/2016
	SHEET 6 OF 17

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				APPROVED



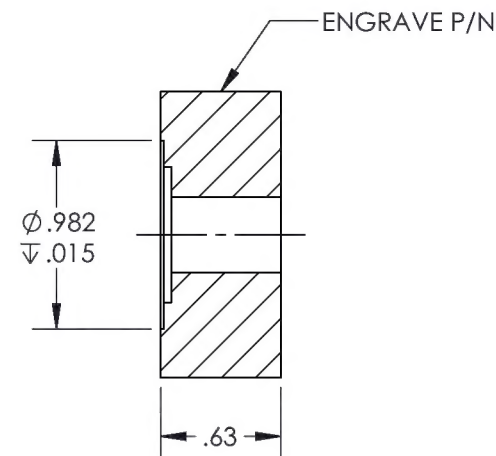
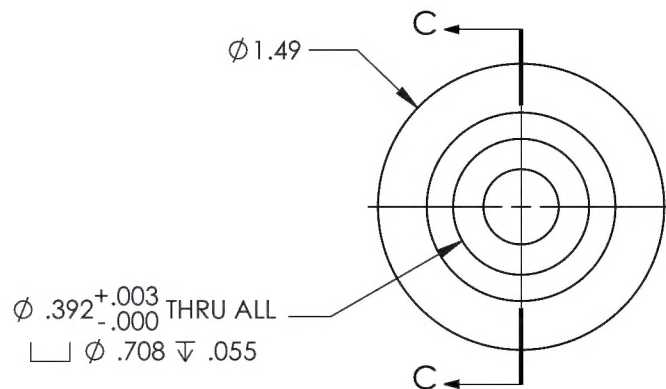
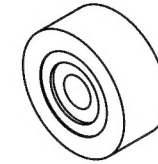
(-11)

PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-11	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 50-55	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE	.XX ± .01 ANGLES ± .5°
SPEC ASTM B633 TYPE I SC 2	.X ± .1 SURFACES = 125
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 2:1	DATE 8/5/2016
	SHEET 7 OF 17

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION C-C

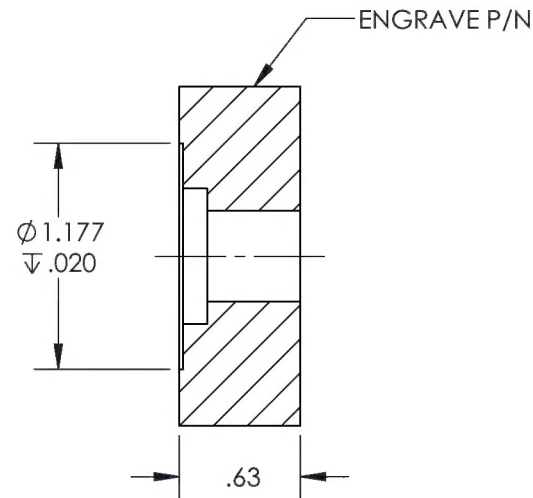
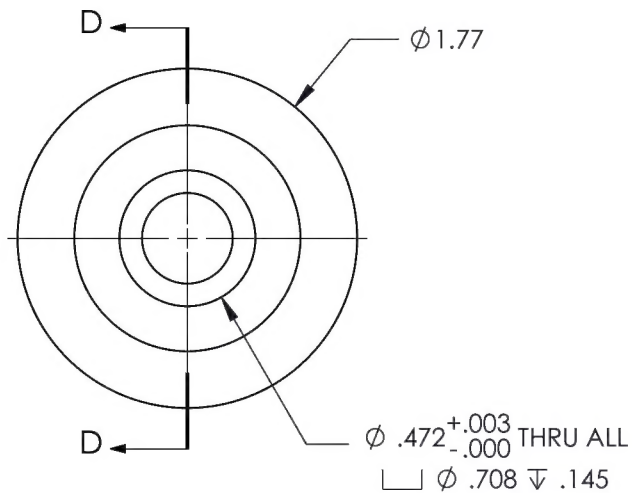
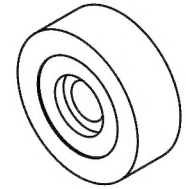
(13)

PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-13	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC ASTM B633 TYPE I SC 2	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: CLOUGH	.X \pm .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 8/5/2016
	SHEET 8 OF 17

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				APPROVED



SECTION D-D

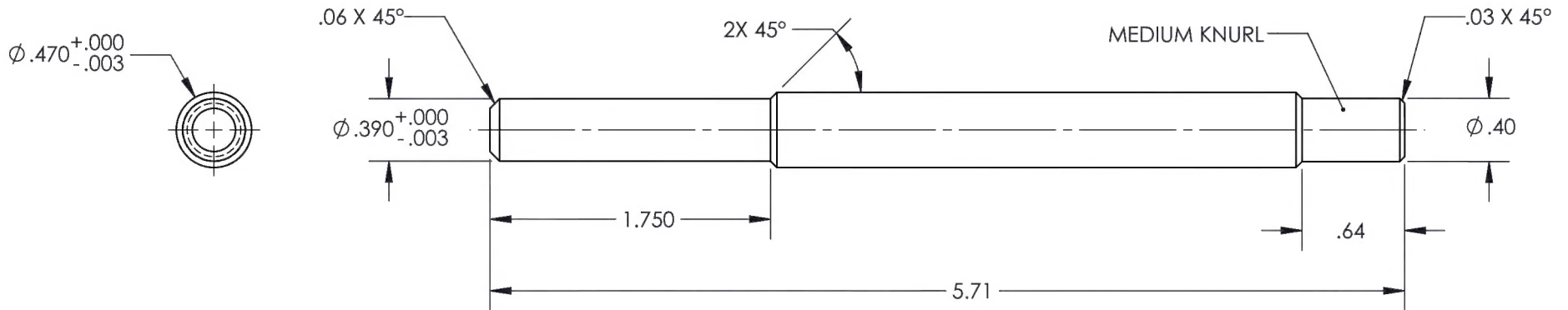
(-15)

PRESS

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-15	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 50-55	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC ASTM B633 TYPE I SC 2	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: CLOUGH	.X \pm .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/5/2016	USED ON MODEL
	EC145
	SHEET 9 OF 17

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



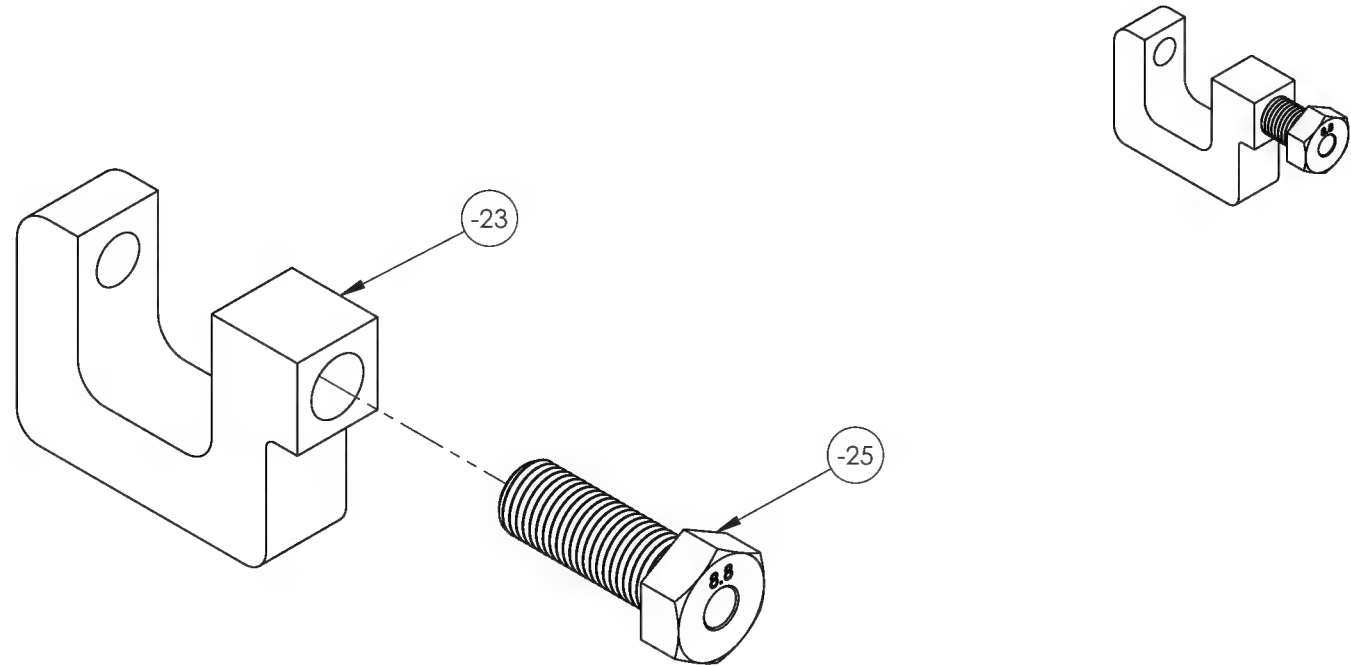
(-17)

PIN

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-17	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-32	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 8/5/2016
	SHEET 10 OF 17

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				APPROVED

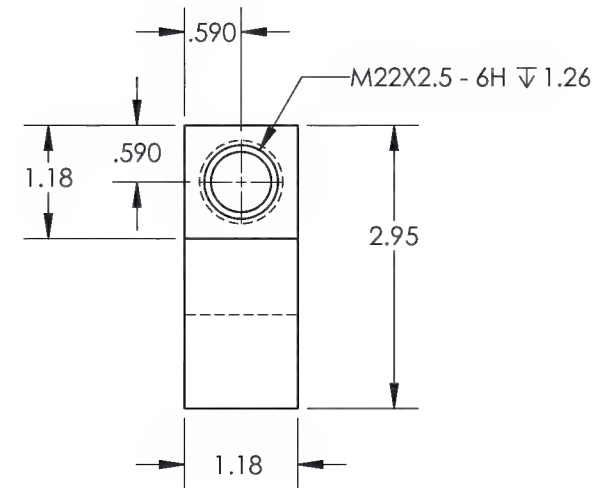
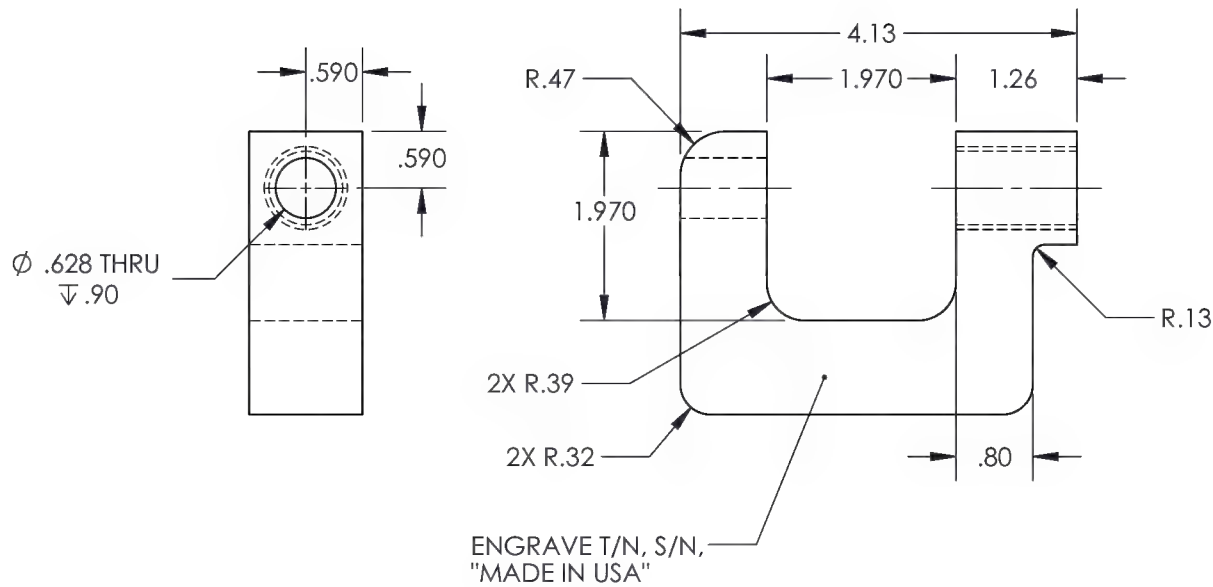
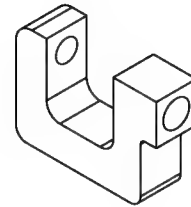


(-21)
FRAME ASSEMBLY

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-21	REV 1
MAT'L REPT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:2	DATE 8/5/2016
SHEET 12 OF 17	

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			INITIAL
			APPROVED

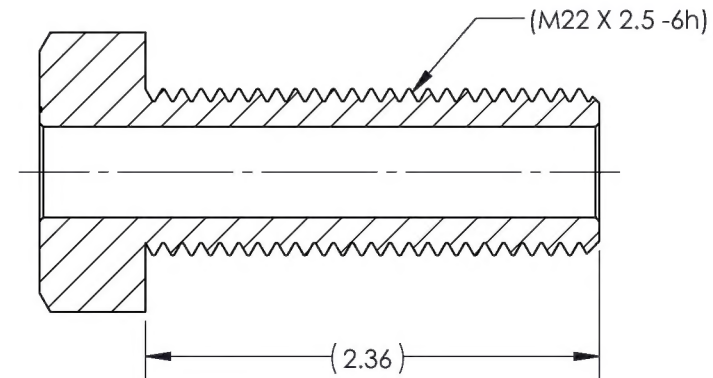
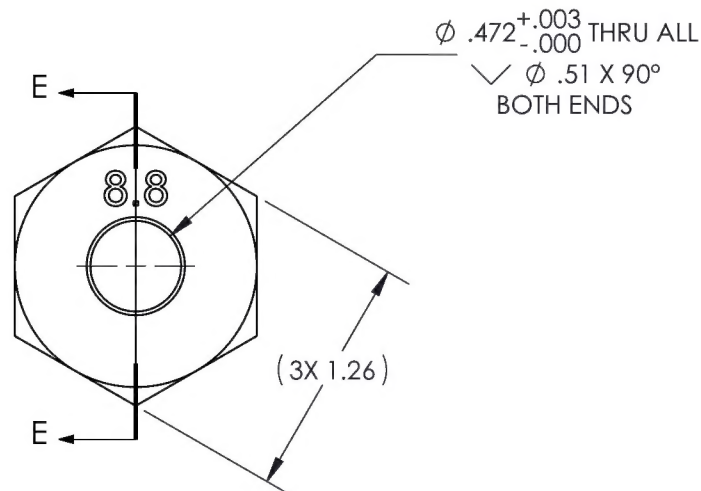
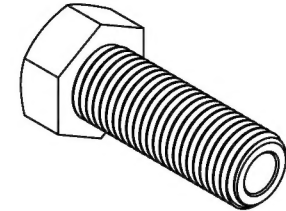


(-23)
FRAME

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-23	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 28-32	DIMENSIONS ARE IN INCHES
TREAT ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
FINISH	.XX \pm .01 ANGLES \pm 5°
SPEC ASTM B633 TYPE I SC 2	.X \pm .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:2	DATE 8/5/2016
	SHEET 13 OF 17

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION E-E

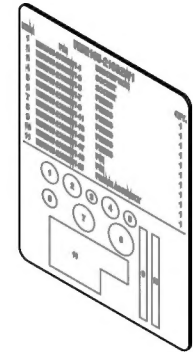
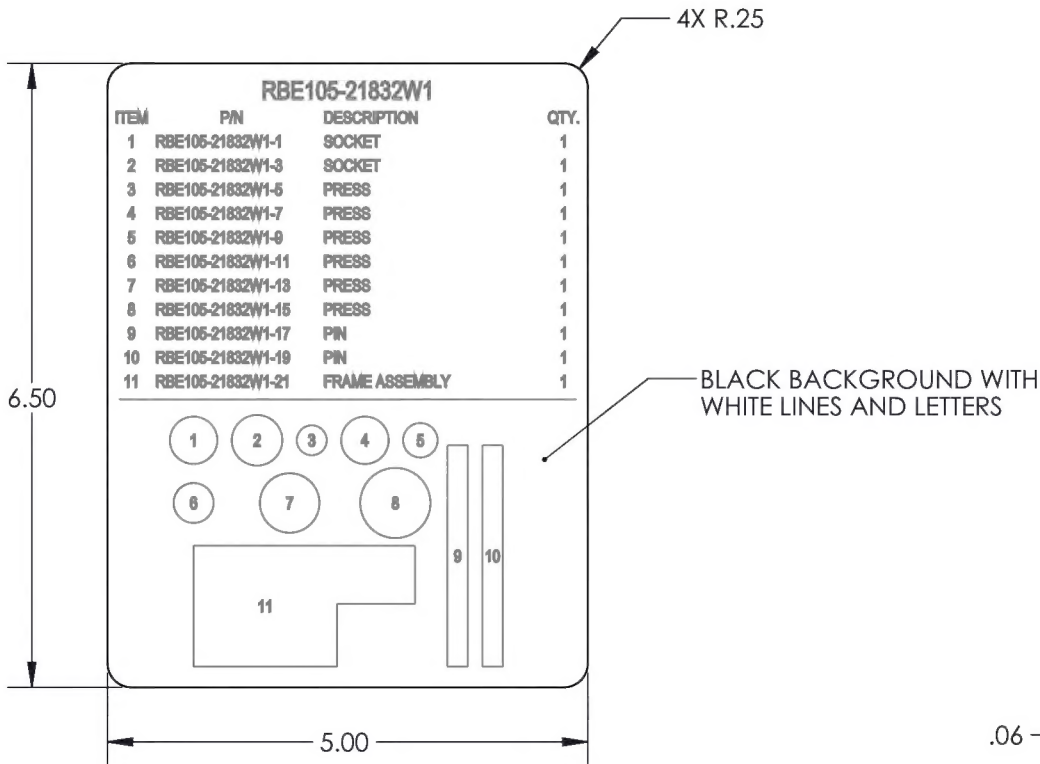
(-25)

BOLT

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-25	REV 1
MAT'L STEEL GRADE 8.8	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC ASTM B633 TYPE I SC 2	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: CLOUGH	.X \pm .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 8/5/2016
	SHEET 14 OF 17

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REV	ECR	DESCRIPTION	DATE INITIAL APPROVED



.06

NOTE:
USE PDF TO MANUFACTURE.

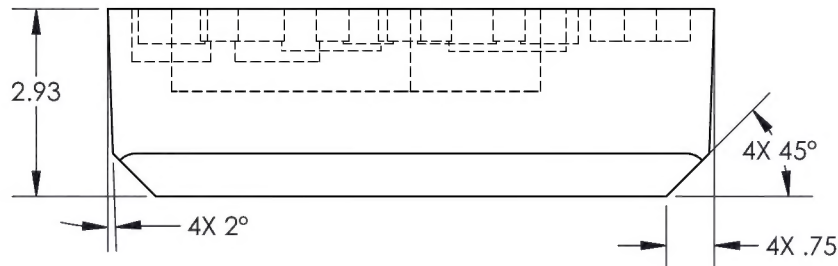
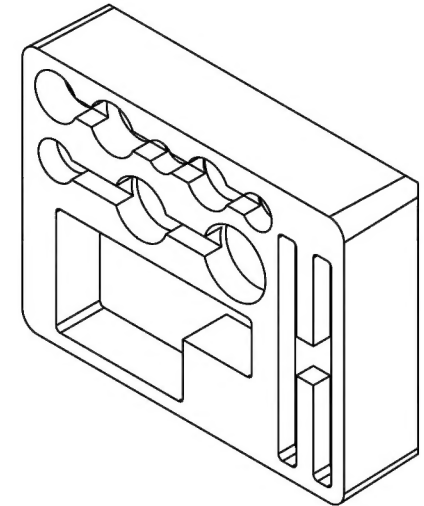
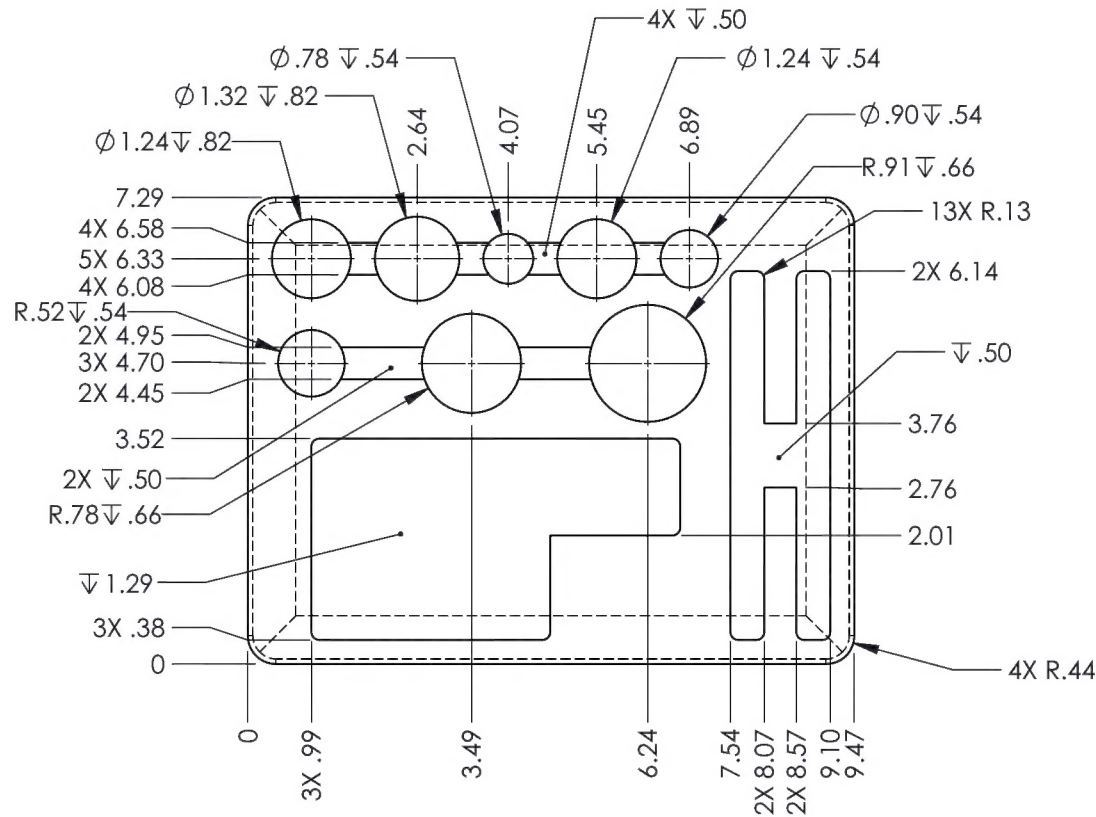
(-27)

LOCATION PLACARD

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-27	REV 1
MAT'L PLASTIC HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL EC145	
SCALE 1:2	DATE 8/8/2016
SHEET 15 OF 17	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



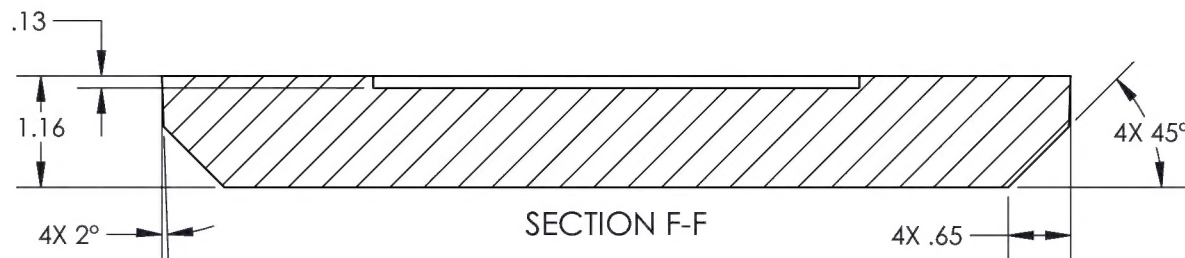
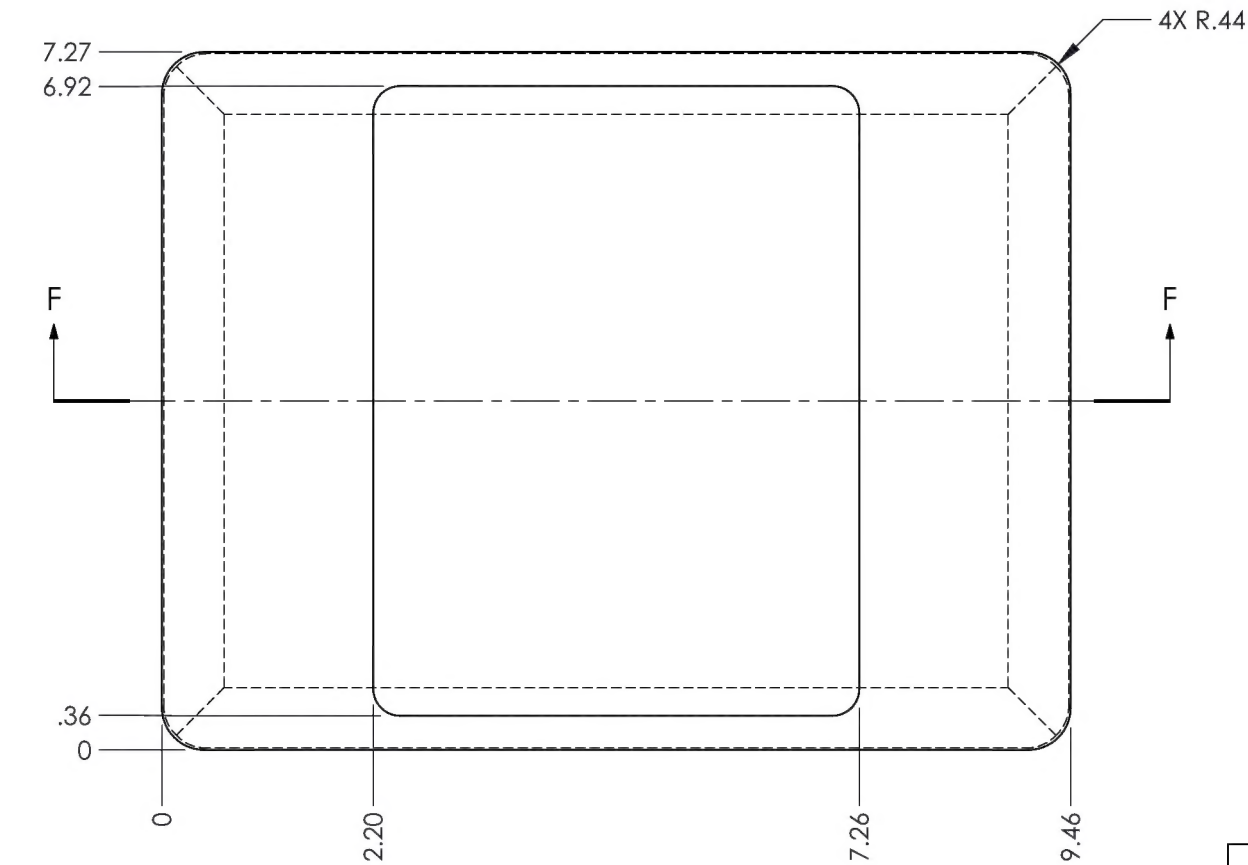
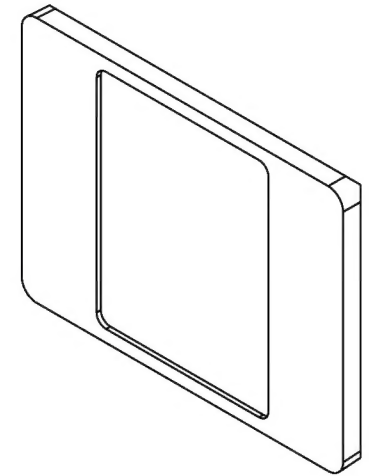
(-29)

BOTTOM FOAM

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-29	REV 1
MAT'L Y20 BLACK HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .010 FRACTIONS \pm 1/8 .XX \pm .03 ANGLES \pm 1° .X \pm .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DUERFELDT	EC145
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:3	DATE 8/5/2016
SHEET 16 OF 17	

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SECTION F-F

(-31)

TOP FOAM

DART AEROSPACE	
TITLE PRESSING-IN TOOL	
DWG NO. RBE105-21832W1-31	REV 1
MAT'L ETHAFOAM 220, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓	
SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL EC145
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 8/5/2016
SHEET 17 OF 17	